

**Model:** Power-Xtra PX5000WB -2S1P- 7.4V 5000 mAh Li-Polymer Battery -20C - B45C

**Stock Code:** 900.869.503.153

## TECHNICAL INFORMATION

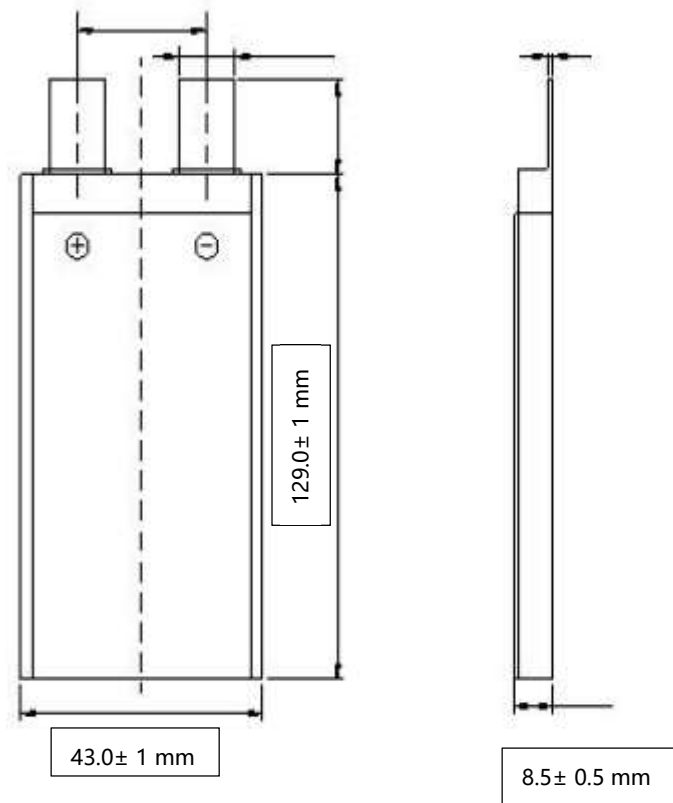
Item	Specifications	Conditions
Nominal Voltage	7.4V $\pm$ 0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	8.4V $\pm$ 0.05V
Typ. Capacity	5.000 mAh	0.2C Discharge cut-off Voltage 6.0V after standard charge at 23 $\pm$ 2°C
Maximum Charge Voltage	8.4V	4.2V/Cell
Configuration	<b>2S1P</b>	
Standard Charging Current	5.000 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	5.000 mAh (1.0C)	Constant current 1.0C
Max. Constant Charge Current	10.000 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	<b>100 AH (20.0C)</b>	Ref.Temperature:10~50°C
Max. Burst Discharge Current	<b>200 AH (40.0C)</b> <b>225 AH (45.0C)</b>	$\leq$ 3S – 40C
		$\leq$ 1S – 45C
Discharge Cut-Off Voltage	<b>6.0V</b>	
Temperature	Charge	0 to +10°C
		10 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C
less than 3 months: -20~30°C		
less than 1 months: -20~45°C		
Weight	170 gr	approximately
Cycles Test	Measure the capacity under the following cycle conditions until the cycle life ends when the three discharge capacity $\leq$ 80%, Cycle conditions: Standard Charge, rest for 30min;Discharge at 1.0C to 9V cut-off, Testing temperature is 23 $\pm$ 2°C. Cycle Life $\geq$ 300 cycles	

**Model:** Power-Xtra PX5000WB -2S1P- 7.4V 5000 mAh Li-Polymer Battery -20C - B45C

**Stock Code:** 900.869.503.153

## Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	$8.5 \pm 0.5$ mm
W	Cell Tab Width	$43.0 \pm 1$ mm
L	Cell Tab Length	$129.0 \pm 1$ mm
CL	Cable Length Length	-
P	Connector Model	-



**Model:** Power-Xtra PX5000WB -2S1P- 7.4V 5000 mAh Li-Polymer Battery -20C - B45C  
**Stock Code:** 900.869.503.153

## Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	25.3± 1.0 mm
W	Cell Tab Width	47.0± 1.0 mm
L	Cell Tab Length	139.0± 1 mm
CL	Cable Length Length	100±3 mm (UL3239 14# AWG)
P	Connector Model	JST-XHP-3P / 3239-22 AWG - 30+10/-5mm

## Technical Drawing

